

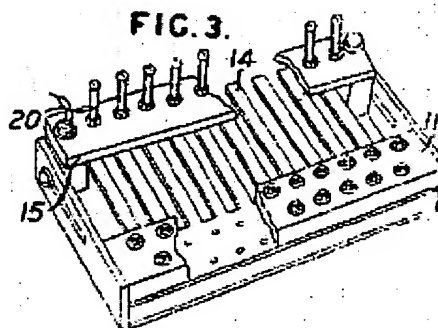
## Vibration indicators and controls for aircraft turbine engines

**Patent number:** GB743687  
**Publication date:** 1956-01-18  
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**Applicant:** ROLLS ROYCE  
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- **international:**  
- **europcan:** G01H1/00B  
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### Abstract of GB743687

743,687. Vibration indicators. ROLLS-ROYCE, Ltd. May 27, 1954 [May 27, 1953], No. 14826/53. Class 106 (4). [Also in Group XXVI] A vibration indicator adapted to be mounted on an aircraft gas turbine comprises a series of reeds 14 of different resonant frequencies clamped between steel strips 11 the free ends being in proximity to adjustable screws 20 in a brass plate 15 connected to an electrical indicator or warning device, the circuit being made when a reed resonates. The circuit may include a relay by which the engine is controlled. The unit is mounted at the rear end of the engine compressor and thermally shielded. In a multi-engine installation the circuit includes a filter network to prevent transient vibrations of one engine affecting the units on other engines.



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